



PATENT & TRADEMARK  
DIVISION

PATENT

2005 JUL -6 PM 1:21

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Guang-Nan Tzeng, Tien-Tzu Chen, Chi-Yang  
CHEN

Appl. No. : 10/605,722

Filing Date: 10/22/2003

Examiner : VU, LAO &

Art Unit : 2828

Docket No.: AITP0002USA

Title: METHOD OF IMPROVING TRANSIENT NOISE OF A  
SWITCHING DC-TO-DC CONVERTER WITH MULTIPLE  
OUTPUT VOLTAGES

To : Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

Subject : Request for refund of publication fee

Dear Sir ,

The issue fee and publication fee of the above identified application was paid on 12/20/2004 (~~Attachment 1~~). And the publication fee \$300 was deducted from the deposit account no. 50-3105 on 12/20/2004 (Attachment 1). But the above-identified application was issued as a patent on 03/01/2005 without publication process. (Attachment 2).

The applicant hereby requests to refund the publication fee \$300 to the Deposit Account No. 50-3105 pursuant to CFR 1.211(e) and MPEP 1126. Your quick response will be greatly appreciated.

BEST AVAILABLE COPY

Sincerely yours,

Winston Hsu

Date: JUN 24 2005

Winston Hsu, Patent Agent No. 41,526

P.O. Box 506, Merrifield, Virginia 22116, U.S.A

Voice Mail: 302-729-1562

Facsimile : 806-498-6673

e-mail : winstonhsu@naipo.com

Note: Please leave a message in my voice mail if you need to talk to me. (The time in D.C. is 12 hours behind the Taiwan time, i.e. 9 AM in D.C. = 9 PM in Taiwan.)

BEST AVAILABLE COPY

## Deposit Account Statement

Attachment 1

|            |          |             |      |              |             |
|------------|----------|-------------|------|--------------|-------------|
| 12/15 15   | 10711951 | TOCP0006USA | 8021 | \$40.00      | \$20,366.00 |
| 12/15 37   | 10604245 | KYCP0010USA | 2251 | -\$55.00     | \$20,421.00 |
| 12/15 38   | 10604245 | KYCP0010USA | 1251 | \$110.00     | \$20,311.00 |
| 12/16 3    | 10248745 | NAUP0510USA | 1501 | \$1,400.00   | \$18,911.00 |
| 12/16 4    | 10249179 | VIAP0079USA | 1801 | \$790.00     | \$18,121.00 |
| 12/16 4    | 10248745 | NAUP0510USA | 1504 | \$300.00     | \$17,821.00 |
| 12/16 5    | 10249179 | VIAP0079USA | 1252 | \$430.00     | \$17,391.00 |
| 12/16 31   | 10905109 | REAP0114USA | 1001 | \$790.00     | \$16,601.00 |
| 12/16 32   | 10905109 | REAP0114USA | 8021 | \$40.00      | \$16,561.00 |
| 12/16 33   | 10905110 | JEMP0004USA | 2001 | \$395.00     | \$16,166.00 |
| 12/16 34   | 10905110 | JEMP0004USA | 8021 | \$40.00      | \$16,126.00 |
| 12/16 201  | 29219111 | LOTP0001USA | 1012 | \$200.00     | \$15,926.00 |
| 12/16 202  | 29219111 | LOTP0001USA | 1112 | \$100.00     | \$15,826.00 |
| 12/16 203  | 29219111 | LOTP0001USA | 1312 | \$130.00     | \$15,696.00 |
| 12/17 21   | 10905130 | CMDP0012USA | 1001 | \$790.00     | \$14,906.00 |
| 12/17 22   | 10905130 | CMDP0012USA | 8021 | \$40.00      | \$14,866.00 |
| 12/17 23   | 10905133 | ACMP0212USA | 1001 | \$790.00     | \$14,076.00 |
| 12/17 24   | 10905133 | ACMP0212USA | 8021 | \$40.00      | \$14,036.00 |
| 12/17 61   | PAYMENT  |             | 9203 | -\$26,130.00 | \$40,166.00 |
| 12/17 67   | 10905132 | MTKP0134USA | 8021 | \$40.00      | \$40,126.00 |
| 12/17 171  | 10905132 | MTKP0134USA | 1011 | \$300.00     | \$39,826.00 |
| 12/17 172  | 10905132 | MTKP0134USA | 1111 | \$500.00     | \$39,326.00 |
| 12/17 173  | 10905132 | MTKP0134USA | 1311 | \$200.00     | \$39,126.00 |
| 12/17 174  | 10905132 | MTKP0134USA | 1202 | \$200.00     | \$38,926.00 |
| 12/20 4    | 10064207 | HMOPOOO1USA | 2202 | \$18.00      | \$38,908.00 |
| 12/20 5    | 10064207 | HMOPOOO1USA | 2201 | \$44.00      | \$38,864.00 |
| 12/20 22   | 10605722 | AITP0002USA | 2501 | \$700.00     | \$38,164.00 |
| ✓ 12/20 23 | 10605722 | AITP0002USA | 1504 | \$300.00     | \$37,864.00 |
| 12/20 24   | 10605679 | NTCP0024USA | 1501 | \$1,400.00   | \$36,464.00 |
| 12/20 25   | 10605679 | NTCP0024USA | 1504 | \$300.00     | \$36,164.00 |
| 12/20 26   | 60522906 | NAUP0661USA | 8021 | \$40.00      | \$36,124.00 |
| 12/20 26   | 10604833 | ADTP0039USA | 1501 | \$1,400.00   | \$34,724.00 |
| 12/20 27   | 10604833 | ADTP0039USA | 1504 | \$300.00     | \$34,424.00 |
| 12/20 28   | 10249059 | LKSP0008USA | 1501 | \$1,400.00   | \$33,024.00 |
| 12/20 29   | 10463348 | ADTP0053USA | 1501 | \$1,400.00   | \$31,624.00 |
| 12/20 30   | 10463348 | ADTP0053USA | 1504 | \$300.00     | \$31,324.00 |
| 12/20 31   | 10249121 | OTMP0048USA | 1501 | \$1,400.00   | \$29,924.00 |
| 12/20 32   | 10249121 | OTMP0048USA | 1504 | \$300.00     | \$29,624.00 |
| 12/20 33   | 10707414 | AUOP0004USA | 1501 | \$1,400.00   | \$28,224.00 |
| 12/20 34   | 10707414 | AUOP0004USA | 1504 | \$300.00     | \$27,924.00 |
| 12/20 251  | 10904302 | ACMP0221USA | 8007 | \$40.00      | \$27,884.00 |
| 12/20 252  | 10711995 | ACMP0176USA | 8007 | \$40.00      | \$27,844.00 |
| 12/21 1    | 10604225 | ADTP0054USA | 1501 | \$1,400.00   | \$26,444.00 |
| 12/21 2    | 10604225 | ADTP0054USA | 1504 | \$300.00     | \$26,144.00 |
| 12/21 3    | 10707418 | LKSP0021USA | 1501 | \$1,400.00   | \$24,744.00 |
| 12/21 4    | 10707418 | LKSP0021USA | 1504 | \$300.00     | \$24,444.00 |
| 12/21 5    | 10604527 | VIAP0037USA | 1501 | \$1,400.00   | \$23,044.00 |
| 12/21 6    | 10604527 | VIAP0037USA | 1504 | \$300.00     | \$22,744.00 |
| 12/21 7    | 10707517 | NAUP0541USA | 1501 | \$1,400.00   | \$21,344.00 |
| 12/21 8    | 10707517 | NAUP0541USA | 1504 | \$300.00     | \$21,044.00 |
| 12/21 9    | 10373830 | MR2561-110  | 2501 | \$700.00     | \$20,344.00 |
| 12/21 10   | 10373830 | MR2561-110  | 1504 | \$300.00     | \$20,044.00 |
|            | 00000000 | ASTP0009USA | 1501 | \$1,400.00   | \$18,644.00 |
|            |          |             |      |              | \$18,344.00 |

BEST AVAILABLE COPY

PAIR Page

Attachment 2



United States Patent and Trademark Office

[Home](#) | [Site Index](#) | [Search](#) | [FAQ](#) | [Glossary](#) | [Guides](#) | [Contacts](#) | [eBusiness](#) | [eBiz alerts](#) | [News](#) | [Help](#)

## PATENT APPLICATION INFORMATION RETRIEVAL



Search results as of: 6-21-2005::23:53:26 E.T.

| Search results for application number: 10/605,722 |   |                            |               |
|---|---|----------------------------|---------------|
| Application Number:                               | 10/605,722  | Customer Number:           | 27765         |
| Filing or 371(c) Date:                            | 10-22-2003  | Status:                    | Patented Case |
| Application Type:                                 | Utility   | Status Date:               | 02-09-2005    |
| Examiner Name:                                    | VU, BAO Q   | Location:                  | ELECTRONIC    |
| Group Art Unit:                                   | 2838  | Location Date:             | -             |
| Confirmation Number:                              | 2721  | Earliest Publication No:   | -             |
| Attorney Docket Number:                           | AITP0002USA   | Earliest Publication Date: | -             |
| Class/ Sub-Class:                                 | 323/284   | Patent Number:             | 6,861,830     |
| First Named Inventor:                             | Guang-Nan Tzeng, Hsin-Chu City, (TW)  | Issue Date of Patent:      | 03-01-2005    |
| Title Of Invention:                               | METHOD OF IMPROVING TRANSIENT NOISE OF A SWITCHING DC-TO-DC CONVERTER WITH MULTIPLE OUTPUT VOLTAGES |                            |               |

## Search Options

|   |
|---|
| Assignments   |
| Display References                                  |
| Image File Wrapper                                  |
| Maintenance Fees - Retrieve fees to pay             |
| Maintenance Fees - View payment windows             |
| Maintenance Statement - View 04 year payment window |
| Maintenance Statement - View 08 year payment window |
| Maintenance Statement - View 12 year payment window |
| Patent Term Adjustment History                      |
| Published Documents                                 |

Maintenance Fees Available: Mon - Fri 5:30 AM to Midnight, Sat - Sun - Hol. 7:30 AM to 8:00 PM E.T.

| File History |   |
|--------------|---|
| Date         | Contents Description                      |
| 03-01-2005   | Recordation of Patent Grant Mailed        |
| 02-09-2005   | Issue Notification Mailed                 |
| 03-01-2005   | Patent Issue Date Used in PTA Calculation |
| 01-24-2005   | Recelpt Into Pubs                         |
| 01-21-2005   | Dispatch to FDC                           |
| 01-21-2005   | Application Is Considered Ready for Issue |

BEST AVAILABLE COPY

6/22/2005

PAIR Page

|            |   |
|------------|---|
| 12-20-2004 | Issue Fee Payment Verified                      |
| 01-20-2005 | Receipt into Pubs                               |
| 01-05-2005 | Mail Examiner's Amendment                       |
| 01-04-2005 | Examiner's Amendment Communication              |
| 11-25-2004 | Reference capture on IDS                        |
| 11-25-2004 | Information Disclosure Statement (IDS) Filed    |
| 12-20-2004 | Issue Fee Payment Received                      |
| 12-03-2004 | Receipt into Pubs                               |
| 10-28-2004 | Workflow - File Sent to Contractor              |
| 10-07-2004 | Mail Notice of Allowance                        |
| 10-04-2004 | Issue Revision Completed                        |
| 10-04-2004 | Notice of Allowance Data Verification Completed |
| 10-04-2004 | Case Docketed to Examiner In GAU                |
| 10-04-2004 | Notice of Allowability                          |
| 05-20-2004 | IFW TSS Processing by Tech Center Complete      |
| 10-22-2003 | Electronic Information Disclosure Statement     |
| 05-20-2004 | Case Docketed to Examiner In GAU                |
| 05-19-2004 | Application Return from OIPE                    |
| 05-19-2004 | Application Return TO OIPE                      |
| 05-19-2004 | Application Return from OIPE                    |
| 05-19-2004 | Application Is Now Complete                     |
| 01-23-2004 | Pre-Exam Office Action Withdrawn                |
| 01-23-2004 | Application Return TO OIPE                      |
| 01-22-2004 | Application Dispatched from OIPE                |
| 01-23-2004 | Application Is Now Complete                     |
| 01-15-2004 | Cleared by OIPE CSR                             |
| 10-22-2003 | IFW Scan & PACR Auto Security Review            |
| 10-22-2003 | Initial Exam Team nn                            |

BEST AVAILABLE COPY

6/22/2005



DIVISION

Dep & Ref  
# 807

2005 JUL -6 PM 1:21

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

|   |                        |                 |
|---|------------------------|-----------------|
| <b>TRANSMITTAL FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number     | 10/605,722      |
|   | Filing Date            | 10/22/2003      |
|   | First Named Inventor   | Guang-Nan Tzeng |
|   | Art Unit               | 2838            |
|   | Examiner Name          | VU, BAO Q       |
|   | Attorney Docket Number | AITP0002USA     |
| Total Number of Pages in This Submission  |                        | 6               |

| ENCLOSURES (Check all that apply)  |   |  |
|--|---|--|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/ Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br><input type="checkbox"/> Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input checked="" type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br>1. A copy of the Deposit Account Statement<br>2. A copy of the application data and transaction history |
| <b>Remarks</b><br>Request for a refund of publication fee  |   |  |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |   |          |        |
|--|---|----------|--------|
| Firm Name                                  | North America Intellectual Property Corp. |          |        |
| Signature                                  | <i>Winston Hsu</i>                        |          |        |
| Printed name                               | Winston Hsu                               |          |        |
| Date                                       | JUN 24 2005                               | Reg. No. | 41,526 |

| CERTIFICATE OF TRANSMISSION/MAILING   |  |  |      |
|---|--|--|------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: |  |  |      |
| Signature   |  |  | Date |
| Typed or printed name   |  |  |      |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

BEST AVAILABLE COPY